

AMENDMENTS

In the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) An electric apparatus comprising:
a power supply unit that has terminals to supply power to a circuit board; and
a circuit board ~~mounted~~ mountable to said power supply unit using at least two different mounting orientations, ~~wherein and that changes~~ the current path is configured to change depending on the orientation in which said circuit board is mounted,
wherein said circuit board is mountable to said power supply unit in two different orientations whereby one such orientation has a 180° rotational relationship to the other orientation; such orientation being obtained by rotating the circuit board relative to an axis perpendicular to the surface thereof.

2. (Original) An electric apparatus according to claim 1, wherein the power consumed by said circuit board can be changed depending on the direction in which it is mounted to said power supply unit.

3. (Previously Presented) An electric apparatus according to claim 1, wherein the power consumed by said circuit board is maintained at a constant level by changing the orientation in which said circuit board is mounted to said power supply unit based on the voltage impressed by said power supply unit to said circuit board.

4. (Original) An electric apparatus according to claim 1, wherein said circuit board includes a plurality of connection points at which said circuit board is connected to said power supply unit, and two circuit elements that are installed between the connection points, such that the connection between the two circuit elements may be switched between series connection and parallel connection by changing the orientation in which said circuit board is mounted to said power supply unit.

5. (Original) An electric apparatus according to claim 4, wherein said circuit elements include a heating resistor.

6. (Previously Presented) An electric apparatus according to claim 4, wherein said circuit elements include an electromagnetic induction coil.

7. (Canceled)

8. (Currently Amended) An electric apparatus ~~according to claim 4~~ comprising: [[,]]
a power supply unit that has terminals to supply power to a circuit board; and
a circuit board mountable to said power supply unit using at least two different mounting
orientations, wherein the current path is configured to change depending on the orientation in
which said circuit board is mounted,

wherein said circuit board is mountable to said power supply unit in two different orientations whereby one such orientation has a 180° rotational relationship to the other orientation; such orientation being obtained by rotating the circuit board relative to an axis parallel to the surface thereof.

9. (Currently Amended) A heating device comprising:
a power supply unit that has terminals for supplying power to a circuit board; and
a circuit board that has a heater and is mounted to the power supply unit in at least two different orientations such that the current path to the heater is changed depending on the mounting orientation,

wherein the output of the heater can be changed depending on the direction in which it is
mounted to said power supply unit.

10. (Canceled)

11. (Original) A heating device according to claim 9, wherein the output of the heater can be maintained at a constant level by changing the orientation in which said circuit board is mounted to said power supply unit based on the voltage impressed by said power supply unit to said circuit board.

12. (Original) A heating device according to claim 9, wherein said heater includes two heating elements, such that the connection between the two heating elements may be switched between series connection and parallel connection by changing the orientation in which said circuit board is mounted to said power supply unit.

13. (Currently Amended) An image forming apparatus comprising:
an image forming system that forms toner images on recording sheets; and
a fixing device that heats and fuses each toner image formed on a sheet by the image forming system,

wherein the fixing device includes a power supply unit that has terminals for supplying power to a circuit board, and a circuit board that has a heater and is mounted to the power supply unit in at least two different orientations such that the current path to the heater is changed depending on the mounting orientation,

wherein the output of the heater can be changed depending on the direction in which it is mounted to said power supply unit.

14. (Canceled)

15. (Original) An image forming apparatus according to claim 13, wherein the output of the heater can be maintained at a constant level by changing the orientation in which said circuit board is mounted to said power supply unit based on the voltage impressed by said power supply unit to said circuit board.

16. (Original) An image forming apparatus according to claim 13, wherein said heater includes two heating elements, such that the connection between the two heating elements may be switched between series connection and parallel connection by changing the orientation in which said circuit board is mounted to said power supply unit.